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Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name	First Name	
woodell	daniel	Search

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Inventor Name Search Result

Your Search was:

Last Name = WOODELL
First Name = DANIEL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60688951	Not Issued	020	06/09/2005	WEATHER RADAR SYSTEM	WOODELL, DANIEL L.
11153972	Not Issued	019	06/16/2005	ANTENNA ADJUSTMENT SYSTEM AND METHOD FOR AN AIRCRAFT WEATHER RADAR SYSTEM	WOODELL, DANIEL L.
11074531	Not Issued	019	03/08/2005	REMOVAL OF SPURIOUS AIRCRAFT DETECTIONS ON WEATHER RADAR	WOODELL, DANIEL L.
11039753	Not Issued	030	01/20/2005	AUTOMATIC BRIGHT BAND DETECTION AND COMPENSATION	WOODELL, DANIEL L.
10941616	Not Issued	030	09/15/2004	TAXI OBSTACLE DETECTING RADAR	WOODELL, DANIEL L.
10941598	Not Issued	020	09/15/2004	DIRECTED SEQUENTIAL HAZARD ASSESSMENT WEATHER RADAR	WOODELL, DANIEL L.
10878165	6879280	150	06/28/2004	VERTICAL WEATHER PROFILE DISPLAY SYSTEM AND METHOD	WOODELL, DANIEL L.
10838291	Not Issued	030	05/04/2004	AIRBORNE WEATHER RADAR SYSTEM AND RADAR DISPLAY	WOODELL, DANIEL L.
10838290	Not Issued	030	05/04/2004	WEATHER RADAR HAZARD DETECTION SYSTEM AND METHOD	WOODELL, DANIEL L.
10667701	6882302	150	09/22/2003	ENHANCED ADAPTIVE WEATHER THRESHOLDS FOR IDENTIFICATION OF HAZARDS SYSTEM AND METHOD	WOODELL, DANIEL L.
10631316	6850185	150	07/31/2003	RUNWAY OBSTACLE DETECTION SYSTEM AND	WOODELL, DANIEL L.

				METHOD	
10631253	Not Issued	071	07/31/2003	ADAPTIVE WEATHER RADAR DETECTION SYSTEM AND METHOD USED IN CONTINENTAL AND MARITIME ENVIRONMENTS	WOODELL, DANIEL L.
10281581	6741203	150	10/28/2002	ADAPTIVE RADAR THRESHOLDS SYSTEM AND METHOD	WOODELL, DANIEL L.
09887190	6512476	150	06/21/2001	ADAPTIVE RADAR SCANNING SYSTEM	WOODELL, DANIEL L.
09886932	6549161	150	06/21/2001	MULTIPLE ALTITUDE RADAR SYSTEM	WOODELL, DANIEL L.
09668715	6388608	150	09/22/2000	METHOD AND SYSTEM FOR DETECTING TURBULENCE WITH REDUCED ERRORS RESULTING FROM VERTICAL SHEAR COMPONENTS	WOODELL, DANIEL L.
09668674	6424288	150	09/22/2000	MULTI-SWEEP METHOD AND SYSTEM FOR DETECTING AND DISPLAYING WEATHER INFORMATION ON A WEATHER RADAR SYSTEM	WOODELL, DANIEL L.
09668656	6603425	150	09/22/2000	METHOD AND SYSTEM FOR SUPPRESSING GROUND CLUTTER RETURNS ON AN AIRBORNE WEATHER RADAR	WOODELL, DANIEL L.
09667442	6388607	150	09/22/2000	MULTI-SWEEP METHOD AND SYSTEM FOR MAPPING TERRAIN WITH A WEATHER RADAR SYSTEM	WOODELL, DANIEL L.
09097632	6208284	150	06/16/1998	RADAR AUGMENTED TCAS	WOODELL, DANIEL L
07589309	5049886	150	09/26/1990	WEATHER RADAR SYSTEM WITH IMPROVED DISPLAY CHARACTERISTICS	WOODELL, DANIEL L.

Inventor Search Completed: No Records to Display.

Search Another: Inventor **Last Name** woodell **First Name** daniel Search

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Inventor Name Search

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Last Name	**First Name**	
robertson	roy	Search

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Inventor Name Search Result

Your Search was:

Last Name = ROBERTSON
First Name = ROY

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60688951	Not Issued	020	06/09/2005	WEATHER RADAR SYSTEM	ROBERTSON, ROY E.
60275548	Not Issued	159	03/13/2001	ROCK DRILL BIT AND METHOD FOR CONNECTING INSERTS	ROBERTSON, ROY
60253068	Not Issued	159	11/25/2000	METHOD AND APPARATUS FOR RE-TIGHTENING ROOF BOLTS IN AN UNDERGROUND MINE	ROBERTSON, ROY L.
60230244	Not Issued	159	09/01/2000	METHOD AND APPARATUS FOR PROVIDING SECONDARY SUPPORT FOR ROOF CONTROL IN UNDERGROUND MINES.	ROBERTSON JR., ROY L.
29079358	D405771	150	11/13/1997	COMBINED COMPUTER MOUSE PAD AND INTEGRAL USER INPUT DEVICE	ROBERTSON, ROY C.
11074531	Not Issued	019	03/08/2005	REMOVAL OF SPURIOUS AIRCRAFT DETECTIONS ON WEATHER RADAR	ROBERTSON, ROY E.
11039753	Not Issued	030	01/20/2005	AUTOMATIC BRIGHT BAND DETECTION AND COMPENSATION	ROBERTSON, ROY E.
10999539	Not Issued	030	11/30/2004	APPARATUS AND METHOD FOR AN ULTRASONIC MEDICAL DEVICE WITH VARIABLE FREQUENCY DRIVE	ROBERTSON, ROY M.
10941616	Not Issued	030	09/15/2004	TAXI OBSTACLE DETECTING RADAR	ROBERTSON, ROY E.
10771690	Not Issued	020	02/04/2004	APPARATUS AND METHOD FOR AN ULTRASONIC	ROBERTSON, ROY

				PROBE DEVICE WITH RAPID ATTACHMENT AND DETACHMENT MEANS	
10730670	Not Issued	092	12/08/2003	METHOD AND APPARATUS FOR ANCHORING A MINE ROOF BOLT	ROBERTSON, ROY LEE
10730653	Not Issued	041	12/08/2003	APPARATUS FOR PROVIDING SECONDARY MINE ROOF SUPPORT	ROBERTSON, ROY LEE
10667701	6882302	150	09/22/2003	ENHANCED ADAPTIVE WEATHER THRESHOLDS FOR IDENTIFICATION OF HAZARDS SYSTEM AND METHOD	ROBERTSON, ROY E.
10631253	Not Issued	071	07/31/2003	ADAPTIVE WEATHER RADAR DETECTION SYSTEM AND METHOD USED IN CONTINENTAL AND MARITIME ENVIRONMENTS	ROBERTSON, ROY E.
10396923	Not Issued	030	03/25/2003	APPARATUS AND METHOD FOR USING AN ULTRASONIC PROBE TO CLEAR A VASCULAR ACCESS DEVICE	ROBERTSON, ROY M.
10268843	Not Issued	030	10/10/2002	ULTRASONIC PROBE DEVICE WITH RAPID ATTACHMENT AND DETACHMENT MEANS HAVING A LINE CONTACT COLLET	ROBERTSON, ROY M.
10268487	Not Issued	030	10/10/2002	ULTRASONIC PROBE DEVICE HAVING AN IMPEDANCE MISMATCH WITH RAPID ATTACHMENT AND DETACHMENT MEANS	ROBERTSON, ROY M.
09992415	6637980	150	11/23/2001	METHOD AND APPARATUS FOR RE-TENSIONING A ROOF BOLT IN AN UNDERGROUND MINE	ROBERTSON, ROY LEE
09975725	6695782	150	10/11/2001	UTRASONIC PROBE DEVICE WITH RAPID ATTACHMENT AND DETACHMENT MEANS	ROBERTSON, ROY
09944666	6682268	150	08/31/2001	METHOD AND APPARATUS FOR SECONDARY ROOF	ROBERTSON, ROY LEE

				SUPPORT IN AN UNDERGROUND MINE	
09668715	6388608	150	09/22/2000	METHOD AND SYSTEM FOR DETECTING TURBULENCE WITH REDUCED ERRORS RESULTING FROM VERTICAL SHEAR COMPONENTS	ROBERTSON, ROY E.
07498968	5047628	150	03/26/1990	HYBRID SWITCH WITH SOLID-STATE CONDITION	ROBERTSON, ROY

Inventor Search Completed: No Records to Display.

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FORWARD/BACKWARD SEARCH 10/631,253

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L4	9	("3353177" \| "4213127").PN. OR ("4555703").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/19 09:34
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Gregory, Bernarr

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Most Frequently Occurring Classifications of Patents Returned
From A Search of 10631253 on July 19, 2005

Original Classifications

21	342/26B
12	702/3
10	342/26D
10	342/26R
10	342/33
7	324/72
7	342/174
7	701/301
5	340/968
4	342/36
4	434/2
3	244/3.14
3	345/419
3	701/14
3	701/16
3	701/3
2	244/135A
2	340/933
2	340/961
2	342/101
2	342/17
2	342/176
2	342/25A
2	342/25F
2	342/29
2	342/357.08
2	342/357.1
2	342/410
2	342/450
2	342/460
2	342/54
2	342/62
2	342/7
2	343/720
2	343/756
2	343/872
2	348/113
2	701/1
2	701/120
2	701/200
2	701/206
2	701/208
2	701/214

Cross-Reference Classifications

12	342/26B
11	340/963
11	342/26R
11	342/29
10	340/961
10	342/175
10	701/14
10	701/213
9	342/176
9	342/179
9	342/195
9	342/26D
9	342/62

9	342/64
8	342/52
8	342/58
7	324/202
7	340/945
7	701/208
7	701/301
7	702/3
6	340/903
6	342/159
6	342/180
6	342/181
6	342/192
6	342/194
6	342/196
6	342/205
6	342/33
6	342/53
6	342/63
5	342/104
5	342/357.06
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5	342/455
5	342/457
5	342/460
5	343/705
5	701/120
4	340/436
4	340/949
4	342/197
4	342/6
4	342/60
4	342/95
4	701/200
4	701/214
4	701/9
3	244/1R
3	340/968
3	342/10
3	342/118
3	342/149
3	342/26A
3	342/351
3	342/357.08
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3	342/37
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3	342/61
3	342/89
3	342/92
3	342/94
3	343/912
3	348/117
3	348/148
3	701/215
3	701/300
3	701/35
2	73/170.24
2	244/3.19
2	250/338.1
2	324/72
2	340/435
2	340/468

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2 455/13.3
2 455/428
2 701/202
2 701/211
2 701/220
2 701/223
2 701/224
2 701/225

2	701/27
2	701/45
2	701/98

Combined Classifications

33	342/26B
21	342/26R
19	342/26D
19	702/3
16	342/33
14	701/301
13	342/29
13	701/14
12	340/961
11	340/963
11	342/176
11	342/62
11	701/213
10	342/175
10	342/195
9	324/72
9	342/179
9	342/64
9	701/208
8	340/945
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8	342/174
8	342/52
8	342/58
7	324/202
7	340/903
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6	701/200
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5	342/357.08
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5	342/457
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5	701/9
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4	340/949
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4	342/25A
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Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10631253 on July 19, 2005

33 342/26B (21 OR, 12 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/26R Radar for meteorological use (EPO)
342/26B .Mounted on aircraft (EPO)

21 342/26R (10 OR, 11 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/26R Radar for meteorological use (EPO)

19 342/26D (10 OR, 9 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/26R Radar for meteorological use (EPO)
342/26D .Ground based (EPO)

19 702/3 (12 OR, 7 XR)
Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
702/2 .Earth science
702/3 ..Weather

16 342/33 (10 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/33 AIRCRAFT LANDING SYSTEM

14 701/301 (7 OR, 7 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/300 RELATIVE LOCATION
701/301 .Collision avoidance

13 342/29 (2 OR, 11 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/29 AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)

13 701/14 (3 OR, 10 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/3 .Aeronautical vehicle
701/14 ..Flight condition indicating system

12 340/961 (2 OR, 10 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS
340/961 .Potential collision with other aircraft

11 340/963 (0 OR, 11 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS
340/963 .Flight alarm

11 342/176 (2 OR, 9 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/176 .Display

11 342/62 (2 OR, 9 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE
342/62 .Missile or spacecraft guidance

11 701/213 (1 OR, 10 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/213 ..Using Global Positioning System (GPS)

10 342/175 (0 OR, 10 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT

10 342/195 (1 OR, 9 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/195 .Digital processing

9 324/72 (7 OR, 2 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/72 TESTING POTENTIAL IN SPECIFIC ENVIRONMENT (E.G., LIGHTNING STROKE)

9 342/179 (0 OR, 9 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/176 .Display
342/179 ..Image production

9 342/64 (0 OR, 9 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE
342/63 .Aircraft guidance
342/64 ..With map matching

9 701/208 (2 OR, 7 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/208 ..For use in a map data base system

8 340/945 (1 OR, 7 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS

8 340/968 (5 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS
340/963 .Flight alarm

340/968 ..Wind shear

8 342/174 (7 OR, 1 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/165 TESTING OR CALIBRATING OF RADAR SYSTEM
342/173 .By monitoring
342/174 ..Calibrating

8 342/52 (0 OR, 8 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/52 COMBINED WITH DIVERSE TYPE RADIANT ENERGY SYSTEM

8 342/58 (0 OR, 8 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/52 COMBINED WITH DIVERSE TYPE RADIANT ENERGY SYSTEM
342/58 .With transmission to a remote station

7 324/202 (0 OR, 7 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/200 MAGNETIC
324/202 .Calibration

7 340/903 (1 OR, 6 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/901 EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR OR ALARM
340/902 .Transmitter in another vehicle (e.g., emergency vehicle)
340/903 ..Relative distence between vehicles (e.g., collision alert)

7 342/180 (1 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/176 .Display
342/180 ..Stereoscopic or tridimensional

7 342/36 (4 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/36 AIR TRAFFIC CONTROL

7 342/460 (2 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/350 DIRECTIVE
342/450 .Position indicating (e.g., triangulation)
342/460 ..Storm or atomic explosion location

7 701/120 (2 OR, 5 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/120 .Traffic analysis or control of aircraft

6 342/159 (0 OR, 6 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/159 CLUTTER ELIMINATION

6 342/181 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/176 .Display
342/181 ..Color

6 342/192 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/192 .Spectrum analysis

6 342/194 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/194 .Complex signal (in phase and quadrature)

6 342/196 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/195 .Digital processing
342/196 ..Fast fourier transform (FFT)

6 342/205 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/205 .Sensitivity time control (STC)

6 342/357.06 (1 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)

6 342/455 (1 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/350 DIRECTIVE
342/450 .Position indicating (e.g., triangulation)
342/454 ..Traffic
342/455 ...Having collision avoidance

6 342/53 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/52 COMBINED WITH DIVERSE TYPE RADIANT ENERGY SYSTEM
342/53 .With infrared device

6 342/63 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

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        342/61          RETURN SIGNAL CONTROLS EXTERNAL DEVICE
        342/63          .Aircraft guidance

6  343/705       (1 OR, 5 XR)
        Class   343 :   COMMUNICATIONS:  RADIO WAVE ANTENNAS
        343/700R        ANTENNAS
        343/705         .With aircraft

6  701/200       (2 OR, 4 XR)
        Class   701 :   DATA PROCESSING: VEHICLES, NAVIGATION, AND
                          RELATIVE LOCATION
        701/200         NAVIGATION

6  701/214       (2 OR, 4 XR)
        Class   701 :   DATA PROCESSING: VEHICLES, NAVIGATION, AND
                          RELATIVE LOCATION
        701/200         NAVIGATION
        701/207         .Employing position determining equipment
        701/213         ..Using Global Positioning System (GPS)
        701/214         ...Means to improve accuracy of position or
                           location

5  342/104       (0 OR, 5 XR)
        Class   342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/104         DETERMINING VELOCITY

5  342/357.08    (2 OR, 3 XR)
        Class   342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/350         DIRECTIVE
        342/352         .Including a satellite
        342/357.01      ..With position indicating
        342/357.06      ...Using Global Positioning Satellite (GPS or
                           Glonass)
        342/357.08      ....Determining relative position (e.g.,
                           distance or direction)

5  342/41        (0 OR, 5 XR)
        Class   342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/41          SHIP COLLISION AVOIDANCE

5  342/457       (0 OR, 5 XR)
        Class   342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                          AND DEVICES
        342/350         DIRECTIVE
        342/450         .Position indicating (e.g., triangulation)
        342/457         ..Land vehicle location (e.g., bus, police car


5  434/2         (4 OR, 1 XR)
        Class   434 :   EDUCATION AND DEMONSTRATION
        434/1           DETECTION OR RANGE DETERMINATION OF DISTANT
                           OBJECT BY APPARATUS USING SENSOR OF ELECTROMAGNETIC OR
                           SOUND ENERGY
        434/2           .Radar

5  701/9         (1 OR, 4 XR)
        Class   701 :   DATA PROCESSING: VEHICLES, NAVIGATION, AND
                          RELATIVE LOCATION
        701/1           VEHICLE CONTROL, GUIDANCE, OPERATION, OR
                              INDICATION
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          701/3          .Aeronautical vehicle
          701/4          ..Altitude or attitude control or indication
          701/8          ...Threshold or reference value
          701/9          ....Warning signal or alarm

   4  340/436       (0 OR, 4 XR)
          Class   340 :  COMMUNICATIONS:  ELECTRICAL
          340/425.5      LAND VEHICLE ALARMS OR INDICATORS
          340/436        .Of collision or contact with external object


   4  340/949       (0 OR, 4 XR)
          Class   340 :  COMMUNICATIONS:  ELECTRICAL
          340/945        AIRCRAFT ALARM OR INDICATING SYSTEMS
          340/947        .Land-based landing guidance
          340/949        ..Wind direction

   4  342/149       (1 OR, 3 XR)
          Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
          342/147        DETERMINING DIRECTION
          342/149        .Monopulse

   4  342/197       (0 OR, 4 XR)
          Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
          342/175        WITH PARTICULAR CIRCUIT
          342/195        .Digital processing
          342/197        ..With video quantizer

   4  342/25A       (2 OR, 2 XR)
          Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
          342/25R        SYNTHETIC APERTURE RADAR
          342/25A        .Mapping or imaging using synthetic aperture
                           radar (EPO)

   4  342/25F       (2 OR, 2 XR)
          Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
          342/25R        SYNTHETIC APERTURE RADAR
          342/25A        .Mapping or imaging using synthetic aperture
                           radar (EPO)
          342/25F        ..Particular SAR processing techniques (e.g.,
                           squint mode, doppler beam-sharpening mode, spotlight
mode,
                           bistatic SAR, inverse SAR) (EPO)

   4  342/54        (2 OR, 2 XR)
          Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
          342/52         COMBINED WITH DIVERSE TYPE RADIANT ENERGY
                           SYSTEM
          342/54         .With laser

   4  342/6         (0 OR, 4 XR)
          Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                           AND DEVICES
          342/5          RADAR REFLECTOR
          342/6          .With modulation

   4  342/60        (0 OR, 4 XR)
          Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
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                    AND DEVICES
        342/60      TRANSMITTING INTELLIGENCE

4  342/61       (1 OR, 3 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/61      RETURN SIGNAL CONTROLS EXTERNAL DEVICE

4  342/7        (2 OR, 2 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/5       RADAR REFLECTOR
        342/7       .Corner

4  342/92       (1 OR, 3 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/73      RETURN SIGNAL CONTROLS RADAR SYSTEM
        342/89      .Receiver
        342/91      ..Gain or threshold
        342/92      ...Automatic gain control (AGC)

4  342/95       (0 OR, 4 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/73      RETURN SIGNAL CONTROLS RADAR SYSTEM
        342/89      .Receiver
        342/94      ..Gating
        342/95      ...Automatic range tracking

4  343/872      (2 OR, 2 XR)
        Class   343 :  COMMUNICATIONS:  RADIO WAVE ANTENNAS
        343/700R    ANTENNAS
        343/872     .With housing or protective covering

4  345/419      (3 OR, 1 XR)
        Class   345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                    INTERFACE PROCESSING, AND SELECTIVE VISUAL   DISPLAY
                    SYSTEMS
        345/418     COMPUTER GRAPHICS PROCESSING
        345/419     .Three-dimension

4  348/113      (2 OR, 2 XR)
        Class   348 :  TELEVISION
        348/61      SPECIAL APPLICATIONS
        348/113     .Navigation

3  244/1R       (0 OR, 3 XR)
        Class   244 :  AERONAUTICS
        244/1R      MISCELLANEOUS

3  244/3.14     (3 OR, 0 XR)
        Class   244 :  AERONAUTICS
        244/3.1     MISSILE STABILIZATION OR TRAJECTORY CONTROL
        244/3.11    .Remote control
        244/3.14    ..Radio wave

3  340/435      (1 OR, 2 XR)
        Class   340 :  COMMUNICATIONS:  ELECTRICAL
        340/425.5   LAND VEHICLE ALARMS OR INDICATORS
        340/435     .Of relative distance from an obstacle

3  340/468      (1 OR, 2 XR)
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Class 340 : COMMUNICATIONS: ELECTRICAL
340/425.5 LAND VEHICLE ALARMS OR INDICATORS
340/468 .External signal light system

3 340/970 (1 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS
340/963 .Flight alarm
340/970 ..Altitude

3 342/10 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/5 RADAR REFLECTOR
342/10 .Inflatable or collapsable

3 342/118 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/118 DETERMINING DISTANCE

3 342/132 (1 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/118 DETERMINING DISTANCE
342/128 .With frequency modulation
342/130 ..Plural modulation
342/131 ...Combined with pulse modulation (e.g., frequency agile)
342/132 With pulse modulation (e.g., "Chirp")

3 342/188 (1 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/188 .With polarization

3 342/26A (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/26R Radar for meteorological use (EPO)
342/26A .Mounted on satellite (EPO)

3 342/351 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/350 DIRECTIVE
342/351 .Including a radiometer

3 342/357.17 (1 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.17 ...With particular action taken responsive to position

3 342/37 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/36 AIR TRAFFIC CONTROL
342/37 .Secondary Surveilance Radar (SSR) or Air

3 342/45 (1 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/45 .IFF or SIF

3 342/46 (1 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/46 .Navigational

3 342/55 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/52 COMBINED WITH DIVERSE TYPE RADIANT ENERGY SYSTEM
342/55 .With television

3 342/59 (1 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/59 PLURAL RADAR

3 342/89 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89 .Receiver

3 342/94 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89 .Receiver
342/94 ..Gating

3 343/912 (0 OR, 3 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/907 .Antenna components
343/912 ..Reflector or director

3 345/7 (1 OR, 2 XR)
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS
345/7 IMAGE SUPERPOSITION BY OPTICAL MEANS (E.G., HEADS-UP DISPLAY)

3 348/117 (0 OR, 3 XR)
Class 348 : TELEVISION
348/61 SPECIAL APPLICATIONS
348/113 .Navigation
348/117 ..Aircraft or spacecraft

3 348/148 (0 OR, 3 XR)
Class 348 : TELEVISION
348/61 SPECIAL APPLICATIONS
348/143 .Observation of or from a specific location (e.g., surveillance)

348/148 ..Vehicular

3 701/1 (2 OR, 1 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION

3 701/16 (3 OR, 0 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/3 .Aeronautical vehicle
701/16 ..With indication or control of landing

3 701/202 (1 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/201 .Determination of travel data based on the start point and destination point
701/202 ..Route pre-planning

3 701/211 (1 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/208 ..For use in a map data base system
701/211 ...Having audio or visual route guidance

3 701/215 (0 OR, 3 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/213 ..Using Global Positioning System (GPS)
701/214 ...Means to improve accuracy of position or location
701/215 Having multiple GPS antennas or receivers (e.g., differential GPS)

3 701/223 (1 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/223 ..With radar or optical ground scanner

3 701/3 (3 OR, 0 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/3 .Aeronautical vehicle

3 701/300 (0 OR, 3 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/300 RELATIVE LOCATION

3 701/35 (0 OR, 3 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/29 .Vehicle diagnosis or maintenance indication
701/35 ..With data recording device

2 73/170.24 (0 OR, 2 XR)
Class 073 : MEASURING AND TESTING
73/170.16 METEOROLOGY
73/170.24 .Electric disturbance (e.g., lightning)

2 244/135A (2 OR, 0 XR)
Class 244 : AERONAUTICS
244/117R AIRCRAFT STRUCTURE
244/135R .Fuel supply
244/135A ..Aircraft refueling

2 244/3.19 (0 OR, 2 XR)
Class 244 : AERONAUTICS
244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
244/3.15 .Automatic guidance
244/3.19 ..Radio wave

2 250/336.1 (1 OR, 1 XR)
Class 250 : RADIANT ENERGY
250/336.1 INVISIBLE RADIANT ENERGY RESPONSIVE ELECTRIC SIGNALLING

2 250/338.1 (0 OR, 2 XR)
Class 250 : RADIANT ENERGY
250/336.1 INVISIBLE RADIANT ENERGY RESPONSIVE ELECTRIC SIGNALLING
250/338.1 .Infrared responsive

2 340/471 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/425.5 LAND VEHICLE ALARMS OR INDICATORS
340/468 .External signal light system
340/471 ..Hazard warning or distress signalling

2 340/472 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/425.5 LAND VEHICLE ALARMS OR INDICATORS
340/468 .External signal light system
340/471 ..Hazard warning or distress signalling
340/472 ...Auxiliary signal permanently attached to vehicle

2 340/552 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/541 ..Intrusion detection
340/552 ...Disturbance of electromagnetic waves

2 340/901 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/901 EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR OR ALARM

2 340/905 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL

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        340/901       EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR OR
                        ALARM
        340/905       .Highway information (e.g., weather, speed
                        limits, etc.)

2  340/933       (2 OR, 0 XR)
        Class   340 :  COMMUNICATIONS:  ELECTRICAL
        340/933       VEHICLE DETECTORS

2  340/946       (1 OR, 1 XR)
        Class   340 :  COMMUNICATIONS:  ELECTRICAL
        340/945       AIRCRAFT ALARM OR INDICATING SYSTEMS
        340/946       .Nonairplane (e.g., balloon or helicopter)

2  340/972       (0 OR, 2 XR)
        Class   340 :  COMMUNICATIONS:  ELECTRICAL
        340/945       AIRCRAFT ALARM OR INDICATING SYSTEMS
        340/971       .Nonalarm flight indicator
        340/972       ..Runway presentation

2  342/101       (2 OR, 0 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
        342/73        RETURN SIGNAL CONTROLS RADAR SYSTEM
        342/89        .Receiver
        342/98        ..Frequency
        342/99        ...Doppler frequency tracking
        342/101       ....With filter control

2  342/107       (0 OR, 2 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
        342/104       DETERMINING VELOCITY
        342/107       .Combined with determining distance and
                        direction

2  342/120       (1 OR, 1 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
        342/118       DETERMINING DISTANCE
        342/120       .Altimeter

2  342/128       (0 OR, 2 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
        342/118       DETERMINING DISTANCE
        342/128       .With frequency modulation

2  342/13        (0 OR, 2 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
        342/13        RADAR EW (ELECTRONIC WARFARE)

2  342/137       (1 OR, 1 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
        342/118       DETERMINING DISTANCE
        342/134       .With pulse modulation
        342/137       ..With variable pulse repetition frequency
                        (PRF) or pulse width

2  342/161       (0 OR, 2 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
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                    AND DEVICES
        342/159     CLUTTER ELIMINATION
        342/160     .MTI (Moving target indicator)
        342/161     ..With vehicle movement compensation (e.g.,
                      AMTI (Airborn MTI))

2  342/162      (0 OR, 2 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/159     CLUTTER ELIMINATION
        342/160     .MTI (Moving target indicator)
        342/162     ..Digital

2  342/165      (0 OR, 2 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/165     TESTING OR CALIBRATING OF RADAR SYSTEM

2  342/17       (2 OR, 0 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/13      RADAR EW (ELECTRONIC WARFARE)
        342/16      .ECCM (Electronic counter-countermeasures,
                      i.e., antijamming)
        342/17      ..Radar reacts to jamming

2  342/173      (1 OR, 1 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/165     TESTING OR CALIBRATING OF RADAR SYSTEM
        342/173     .By monitoring

2  342/182      (0 OR, 2 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/175     WITH PARTICULAR CIRCUIT
        342/176     .Display
        342/182     ..Electronic marker generation

2  342/185      (0 OR, 2 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/175     WITH PARTICULAR CIRCUIT
        342/176     .Display
        342/185     ..Scan conversion

2  342/191      (1 OR, 1 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/175     WITH PARTICULAR CIRCUIT
        342/190     .With recording
        342/191     ..Mapping

2  342/23       (0 OR, 2 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/23      BERTHING OR DOCKING

2  342/26C      (1 OR, 1 XR)
        Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                    AND DEVICES
        342/26R     Radar for meteorological use (EPO)
        342/26C     .Mounted on ship (EPO)
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2  342/27        (0 OR, 2 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/27         PRESENCE DETECTION ONLY

2  342/30        (1 OR, 1 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/29         AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)
       342/30         .With transponder

2  342/32        (0 OR, 2 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/29         AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)
       342/30         .With transponder
       342/32         ..Included in Secondary Surveilance Radar (SSR)
                         or Air Traffic Control Radio Beacon System (ATCRBS)

2  342/34        (0 OR, 2 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/33         AIRCRAFT LANDING SYSTEM
       342/34         .Ground control approach (GCA)

2  342/352       (0 OR, 2 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/350        DIRECTIVE
       342/352        .Including a satellite

2  342/356       (0 OR, 2 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/350        DIRECTIVE
       342/352        .Including a satellite
       342/356        ..Synchronous satellite

2  342/357.01    (1 OR, 1 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/350        DIRECTIVE
       342/352        .Including a satellite
       342/357.01     ..With position indicating

2  342/357.1     (2 OR, 0 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/350        DIRECTIVE
       342/352        .Including a satellite
       342/357.01     ..With position indicating
       342/357.06     ...Using Global Positioning Satellite (GPS or
                          Glonass)
       342/357.1      ....Combined with telecommunication

2  342/357.13    (0 OR, 2 XR)
       Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
       342/350        DIRECTIVE
       342/352        .Including a satellite
       342/357.01     ..With position indicating
       342/357.06     ...Using Global Positioning Satellite (GPS or
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                    Glonass)
        342/357.13    ....With storage device (i.e., map or database)


2  342/357.14    (1 OR, 1 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                       AND DEVICES
        342/350       DIRECTIVE
        342/352       .Including a satellite
        342/357.01    ..With position indicating
        342/357.06    ...Using Global Positioning Satellite (GPS or
                       Glonass)
        342/357.14    ....Combined with secondary navigation system
                       (i.e., LORAN, gyroscope, inertial, dead reckoning, etc.)

2  342/4         (1 OR, 1 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                       AND DEVICES
        342/1         RADIO WAVE ABSORBER
        342/4         .With particular geometric configuration

2  342/410       (2 OR, 0 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                       AND DEVICES
        342/350       DIRECTIVE
        342/385       .Beacon or receiver
        342/386       ..With transmisson of bearing or position
                           determinative signals
        342/407       ...Fixed course or bearing indicating
        342/410       ....Glide slope transmitter or receiver

2  342/413       (0 OR, 2 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                       AND DEVICES
        342/350       DIRECTIVE
        342/385       .Beacon or receiver
        342/386       ..With transmisson of bearing or position
                           determinative signals
        342/407       ...Fixed course or bearing indicating
        342/413       ....Localizer transmitter or receiver

2  342/450       (2 OR, 0 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                       AND DEVICES
        342/350       DIRECTIVE
        342/450       .Position indicating (e.g., triangulation)

2  342/454       (0 OR, 2 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                       AND DEVICES
        342/350       DIRECTIVE
        342/450       .Position indicating (e.g., triangulation)
        342/454       ..Traffic

2  342/66        (0 OR, 2 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                       AND DEVICES
        342/61        RETURN SIGNAL CONTROLS EXTERNAL DEVICE
        342/66        .Camera

2  342/75        (0 OR, 2 XR)
        Class   342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                       AND DEVICES
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342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
342/74 .Antenna control
342/75 ..Physical orientation

2 342/8 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/5 RADAR REFLECTOR
342/7 .Corner
342/8 ..Inflatable or collapsable

2 342/93 (1 OR, 1 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89 .Receiver
342/91 ..Gain or threshold
342/93 ...Constant false alarm rate (CFAR)

2 342/97 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89 .Receiver
342/94 ..Gating
342/95 ...Automatic range tracking
342/97 With automatic lock-on

2 343/709 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/709 .Waterborne (e.g., buoyant or with watercraft)

2 343/711 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/711 .With vehicle

2 343/713 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/711 .With vehicle
343/713 ..Supported by vehicle body

2 343/718 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/718 .Body-attached or connected

2 343/720 (2 OR, 0 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/720 .Combined with diverse-type art device

2 343/725 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/725 .Plural separate diverse type

2 343/756 (2 OR, 0 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS

343/756 .With polarization filter or converter

2 343/779 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/772 .Wave guide type (e.g., horn)
343/776 ..Plural
343/779 ...With reflector

2 343/909 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/907 .Antenna components
343/909 ..Refracting means and radio wave energy filters (e.g., lenses and polarizers)

2 343/915 (1 OR, 1 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/907 .Antenna components
343/912 ..Reflector or director
343/915 ...Collapsible, foldable or adjustable

2 343/916 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/907 .Antenna components
343/912 ..Reflector or director
343/916 ...Made of detachable parts

2 345/581 (1 OR, 1 XR)
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS
345/418 COMPUTER GRAPHICS PROCESSING
345/581 .Attributes (surface detail or characteristic, display attributes)

2 345/8 (0 OR, 2 XR)
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS
345/7 IMAGE SUPERPOSITION BY OPTICAL MEANS (E.G., HEADS-UP DISPLAY)
345/8 .Operator body-mounted heads-up display (e.g., helmet mounted display)

2 345/958 (0 OR, 2 XR)
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS
345/949 ANIMATION PROCESSING METHOD
345/958 .Collision avoidance

2 348/121 (0 OR, 2 XR)
Class 348 : TELEVISION
348/61 SPECIAL APPLICATIONS
348/121 .Simulator

2 348/122 (0 OR, 2 XR)
Class 348 : TELEVISION
348/61 SPECIAL APPLICATIONS
348/121 .Simulator

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          348/122        ..Visibility (e.g., fog, etc.)

  2  348/123        (0 OR, 2 XR)
          Class    348 :  TELEVISION
          348/61          SPECIAL APPLICATIONS
          348/121         .Simulator
          348/123         ..Aircraft or spacecraft

  2  356/141.4      (0 OR, 2 XR)
          Class    356 :  OPTICS:  MEASURING AND TESTING
          356/138         ANGLE MEASURING OR ANGULAR AXIAL ALIGNMENT
          356/140         .Apex of angle at observing or detecting
                             station
          356/141.2       ..With photodetection
          356/141.4       ...With optical scanning of light beam or
                             detector

  2  356/28.5       (1 OR, 1 XR)
          Class    356 :  OPTICS:  MEASURING AND TESTING
          356/27          VELOCITY OR VELOCITY/HEIGHT MEASURING
          356/28          .With light detector (e.g., photocell)
          356/28.5        ..Of light interference (e.g., interferometer)


  2  356/5.09       (1 OR, 1 XR)
          Class    356 :  OPTICS:  MEASURING AND TESTING
          356/3           RANGE OR REMOTE DISTANCE FINDING
          356/4.01        .With photodetection
          356/5.09        ..Of frequency difference

  2  356/73         (1 OR, 1 XR)
          Class    356 :  OPTICS:  MEASURING AND TESTING
          356/73          PLURAL TEST

  2  359/630        (1 OR, 1 XR)
          Class    359 :  OPTICS:  SYSTEMS
          359/618         SINGLE CHANNEL SIMULTANEOUSLY TO OR FROM PLURAL
                             CHANNELS (E.G., LIGHT DIVIDING, COMBINING, OR PLURAL
IMAGE
                             FORMING, ETC.)
          359/629         .By partial reflection at beam splitting or
                             combining surface
          359/630         ..Superimposing visual information on
                             observer's field of view (e.g., head-up arrangement,
etc.)


  2  362/493        (0 OR, 2 XR)
          Class    362 :  ILLUMINATION
          362/459         SUPPORTED BY VEHICLE STRUCTURE (E.G.,
                             ESPECIALLY ADAPTED FOR VEHICLE)
          362/487         .Automobile
          362/493         ..Roof

  2  367/99         (0 OR, 2 XR)
          Class    367 :  COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
                             SYSTEMS AND DEVICES
          367/87          ECHO SYSTEMS
          367/99          .Distance or direction finding

  2  455/12.1       (1 OR, 1 XR)
          Class    455 :  TELECOMMUNICATIONS
          455/7           CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
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RETRANSMISSION OF SAME INFORMATION)
455/11.1 .Portable or mobile repeater
455/12.1 ..Space satellite

2 455/13.3 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E., RETRANSMISSION OF SAME INFORMATION)
455/11.1 .Portable or mobile repeater
455/12.1 ..Space satellite
455/13.3 ...With antenna feed network or multiple antenna switching

2 455/428 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/427 ..Space satellite
455/428 ...Switching or routing

2 701/117 (1 OR, 1 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
701/117 .Traffic analysis or control of surface vehicle

2 701/206 (2 OR, 0 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/206 .Employing way point navigation

2 701/207 (1 OR, 1 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment

2 701/220 (0 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/220 ..Using inertial sensor

2 701/224 (0 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/224 .With indicated course correction (compass deviation)

2 701/225 (0 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
701/200 NAVIGATION
701/225 .Determining range without range measurement

2 701/27 (0 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION

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        701/1         VEHICLE CONTROL, GUIDANCE, OPERATION, OR
                        INDICATION
        701/23        .Automatic route guidance vehicle
        701/27        ..Artificial intelligence (e.g., fuzzy logic)


2  701/29         (1 OR, 1 XR)
        Class    701 :  DATA PROCESSING: VEHICLES, NAVIGATION, AND
                          RELATIVE LOCATION
        701/1         VEHICLE CONTROL, GUIDANCE, OPERATION, OR
                        INDICATION
        701/29        .Vehicle diagnosis or maintenance indication

2  701/45         (0 OR, 2 XR)
        Class    701 :  DATA PROCESSING: VEHICLES, NAVIGATION, AND
                          RELATIVE LOCATION
        701/1         VEHICLE CONTROL, GUIDANCE, OPERATION, OR
                        INDICATION
        701/36        .Vehicle subsystem or accessory control
        701/45        ..Control of vehicle safety devices (e.g.,
                          airbag, seat-belt, etc.)

2  701/98         (0 OR, 2 XR)
        Class    701 :  DATA PROCESSING: VEHICLES, NAVIGATION, AND
                          RELATIVE LOCATION
        701/1         VEHICLE CONTROL, GUIDANCE, OPERATION, OR
                        INDICATION
        701/70        .Indication or control of braking,
                          acceleration, or deceleration
        701/93        ..Vehicle speed control (e.g., cruise control)

        701/98        ...Artificial intelligence (e.g., fuzzy logic)


2  703/6          (1 OR, 1 XR)
        Class    703 :  DATA PROCESSING:  STRUCTURAL DESIGN,
                          MODELING, SIMULATION, AND EMULATION
        703/6         SIMULATING NONELECTRICAL DEVICE OR SYSTEM

2  703/8          (1 OR, 1 XR)
        Class    703 :  DATA PROCESSING:  STRUCTURAL DESIGN,
                          MODELING, SIMULATION, AND EMULATION
        703/6         SIMULATING NONELECTRICAL DEVICE OR SYSTEM
        703/7         .Mechanical
        703/8         ..Vehicle
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ability 2
able 2
about 3
above 5
abstract 1
accesses 1
accessing 1
accompanying 1
accomplish 1
accordance 2
according 1
accordingly 3
accurately 1
acquired 1
acts 1
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adapting 4
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addressed 1
addressee 1
adjustable 8
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adjusting 5
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adjusts 1
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advantages 1
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air 2
airborne 4
aircraft 14
airflow 2
airmass 1
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airplane 2
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alerts 1
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allows 2
also 9
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alternatively 1
altitude 7
altitudes 2
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appended 2
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applicable 1
application 1
appropriate 2

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areas 5
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aural 1
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automatically 4
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avoid 1
background 1
base 1
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becomes 1
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being 6
below 6
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between 5
bias 1
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box 1
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can 5
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carriers 3
case 3
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cautionary 1
cedar 1
cells 3
certify 1
change 1
changes 1

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characteristics 4
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circuits 2
circumnavigate 1
circumvent 1
claims 4
cloud 4
clouds 2
clutter 7
coastal 1
collins 1
color 1
combination 2
comfort 1
command 2
commissioner 1
communicated 1
communications 1
compensate 1
completely 1
components 2
comprises 5
comprising 1
compute 1
computed 1
condition 1
conditions 2
configurations 2
configured 4
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construed 1
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extend 2
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feet 4
field 1
fig 4
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flow 1
fly 1
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freezing 2
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fudher 6
fully 4
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further 2
furthermore 1
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generated 3
generating 2
geometries 1
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gets 1
given 3
ground 4
hardware 3
has 4
have 10
having 4
hazard 2
hazardous 2
hazards 1
heat 2
heating 1
height 1
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herein 1
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interrogate 1
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location 5
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longitude 1
lot 2
lowered 1
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plus 1
point 5
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preferred 2
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primarily 1
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rockwell 1
roy 1
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scope 2
sea 3
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sequence 1
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service 2
set 1
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similarly 1
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space 4
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substitutions 1
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supports 1
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terrain 5
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therefore 2
thereof 1

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threat 3
threatening 1
threshold 13
thresholds 15
thunderstorm 1
thus 4
tilt 9
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tion 1
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traceable 1
transitional 3
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type 12
typed 1
types 1
typical 2
typically 3
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under 1
understandable 1
understood 1
united 1
updrafts 1
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verses 1
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very 4
via 1
visual 1
warnings 1
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water 2
weaker 1
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when 4
where 2
wherein 1
whether 3
which 25
while 5
will 4
wind 1
wish 1
with 12
within 2
without 1

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workload 1
would 5
wxr 1
year 1
yet 2
zipser 1
zisper 1